WARNING: - This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment with non-certified peripherals is likely to result in interference to radio and TV reception

VIDEO VENDOR #121268

83N3

INTRODUCTION

The Video Vendor was designed to allow ease of customer operation while completely automating the video movie rental and purchase transactions and providing an accurate audit trail.

The Video Vendor can display up to 320 different movie cassettes in any variety of titles in VHS and Beta formats.

Customers can use valid Visa or MasterCard credit cards or be issued individual member account numbers in order to use the Video Vendor.

The Video Vendor machine takes either dollar bills, five dollar bills, or quarters in payment for rentals, sales, and extra day fees. The machine can also be set to allow the customer to "charge it".

The price of the movies can be varied in 25 cent increments and the built in electronics systems keeps accurate records of all transactions; including extra day fees, total rentals and all outstanding balances plus many other functions for total bookeeping and tax purposes.

The Vendor also has built in maintenance diagnostic features designed for ease of trouble shooting and repair. The majority of electronic components are located in a drawer, that slides out in front of the machine, for easy access and replacement.

Over all the Video Vendor is a very well thought out movi vending machine, designed to achieve maximum profits for its owners investment.

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HOW TO OPERATE THE VIDEO VENDOR

First read this manual, then try the various functions on the machine. The best way to learn is to try it. The Key Pad and the Video Display Monitor are used to communicate between customer and machine. For Operation of the Vendor follow these procedures:

1. Use the Key Pad to enter a member account number or slide a Visa/MasterCard credit card through the credit card reader.

2. Select the rental or return mode of operation by keying the proper number as displayed on the video monitor. The monitor will offer only options which are valid. If a customer already has two movies rented then only the return options will be offered. The machine only allows up to two movies to be rented on each credit card and each member account number. If the customer owes late fees then only the opportunity to pay late fees will be offered.

3. Then enter the quantity of movies to be rented or returned and press the -ENTER- key located on the key pad.

4. On a rental or purchase enter the movie slot location number which is located just below the tape inside the Vendor display case. If the selection is already rented or is "locked out", then the screen will immediately display this information and ask the customer to pick another selection.

5. Deposit the total amount of money shown on the Vendor display Monitor. The machine operator may set a minimum amount above which the customer may request "charge it". If the transaction is greater then the minimum amount set then the monitor will offer the option for the customer to "press #1 to charge it", or "press #2" to pay cash.

6. The Vendor robotic Transport will get the movie selected and bring it to the Dispensor Door. When the green light is lit, lift the Dispensor Door and remove the movie from the machine. Tear off the receipt tape from the Printer which completes the rental or sales transaction.

7. To return a movie enter the same account number or credit card used to rent it, press #1 and wait for the Vendor Transport to move in front of the Dispensor Door and the green light to go on.

8. Lift the Dispensor Door and place the movie into the transport slot. Follow the instructions located on the

front of the Vendor for inserting the tape. The movie will automatically be returned to its original renting positions so that it is available for immediate re-rental and the account is automatically updated.

9. If late fees are due, the monitor will display the option to "press #1 to pay your late fees now". If after 5 seconds no money is paid then the return receipt is printed showing the late charges due. They can then be paid anytime prior to renting movies.

10. After completion of all transactions a receipt is printed which shows the time and date of the transaction, the store location number-which is the area code and store number as set by the operator (alternating numbers:ie. 312 555 is 351525), the eight digit receipt number- which begins with the 4 digit member account number, up to two lines of operator set title messages, all of the transaction information and finally up to 3 lines of operator set trail messages.

11. If you change your mind about a movie it may be returned within a specified period of time (set by the operator- usually 15 minutes) and your account will be credited in full. If the "two for" option is on, then no early return credit is given.

Note:

1. Tapes in sale slots are not returnable.

2 .Extra day charges are kept track of by the Video Vendor and customers must pay those charges at any time prior to renting additional movies.

3. Should the Vendor fail to accept a returned tape after 2 tries; the customer will be required to take the tape to the location service counter and ask for a receipt.

4. If a customer fails to open the dispensor door within 20 seconds the rental tape will be returned to its slot and the customers account credited. In the case of a tape sale the tape will stay in the door until someone removes it. NO CREDITS will be given on tape sales.

5. If a customer fails to return a tape or fails to pay late fees for whatever reason after two weeks his credit card account or his address should be invoiced for the replacement cost of that film or films and his account credited or deleted from the system.

A TYPICAL OWNER OPERATION OF THE VIDEO VENDOR

The owner/operator of the Video Vendor should service the Vendor locations at least once a week. When he arrives at the machine site he should first stop at the location service counter . There he should pick up the movies which have been left there for the following reasons; people forgot their account numbers, forgot their credit cards, the movie was defective or the machine just did not take the movie back. He should also question the store operator to find out if anything unusual has happened at the Vendor during the past week. Review the reasons for returns as indicated on the return receipts. Perhaps labels are defective or perhaps the movie is defective. These faults require attention by the operator.

Next he should go to the machine and open the Service Access Door. The tapes picked up at the counter should be returned and the appropriate customer accounts credited.

Next enter the bookeeping mode of operation. Obtain a print out of all the service totals which takes about 10 minutes to print. If two copies are desired then first change the receipt tape to the two ply tape.

While the listing is being printed out the Money Vault can be emptied. The easiest way we know of to empty the money is to remove the drawer, put a plastic "hefty" bag over it and turn the drawer upside down. We suggest that you do not put the plastic bag into the drawer as a liner because we have found that this takes up space in the drawer and restricts the amount of money the drawer can hold.

Next zero out the Bookeeping totals so you can record total weekly sales and total rentals. You may choose to zero out, monthly instead of weekly; whatever fits your bookeeping needs.

The Receipt Tape should be changed at this time if it looks like it will not make it through another week. Experience will tell you how long a roll of tape will last.

To put in a new roll of receipt tape you have to remove the Front Cover Plate which will expose the top of the Printer. To remove the Front Cover Plate, first remove the two wing nuts located inside the Vendor on the bottom right and left of the Cover Plate. Access to the wing nuts is gained by reaching in through the service door.

Once the Front Cover Plate is removed, lift the flat metal weight which is resting on the tape roll and then the receipt tape paper

roll and its core pin can be removed. Put the core pin in the new roll of paper; feed the paper through the printer (it may help to fold the leading edge of the paper to a point), drop the roll into the printer slot, and flip the weight back down against the tape roll. There is a lever located on the right side of the printer which automatically turns on the feed motor to feed the paper through the printer. This lever sometimes sticks so it may be necessary to press very hard to start it and to pull it back up to stop the feeding motor. Feed the paper through the slot in the Cover Plate and reinstall the cover plate and replace the wing nuts.

Though the printer can use ribbon, no ribbon is necessary for the receipt tape supplied by Video Vendor because the ink is impregnated into the paper. If you are using plain receipt paper then you will need ribbon and the ribbon will have to be replaced periodically.

CAUTION; WHEN REPLACING THE FRONT COVER PLATE, BE SURE TO POSITION IT CAREFULLY SO THAT IT IS NOT INADVERTANTLY PRESSING AGAINST ANY OF THE KEYS ON THE KEYPAD. OTHERWISE WHEN NUMBERS ARE ENTERED DURING RENTAL OR RETURN FUNCTIONS, EXTRA NUMBERS WILL APPEAR ON THE SCREEN AND THE MACHINE WILL NOT FUNCTION CORRECTLY.

After you have the bookeeping done and the money out of machine, you can perform the movie tape maintenance. Replacing bad tapes, installing replacement labels, and adding new movies to the machine. Most of this work need not be done at the machine location. Close and lock the door and you're finished for another week.

You may find it desirable to attend the machine twice a week. We suggest a visit early in the week to return movies, remove cash, and generally check out the machine after the weekend. The second visit could be later in the week prior to the weekend to do the other functions mentioned above.

We suggest that as new movies are released you should put them in the machine. Furthermore if you have multiple machines or an inventory to draw from you should rotate about 40 movies a month in order to give your customers different titles to look at.

VIDEO VENDOR ACCESSORIES LIST DESCRIPTION

1. DATA RECORDER: Is used for backing up the data stored in the Vendor, copying data or loading data into the Vendor. $479.00 #x-101

2. SPARE PARTS KIT: This is a kit of selected maintenance replacement parts. One kit for up to 10 machines. $4800.00 #x-102

3. SAFE: This item is a small safe which would be left at the location service counter at a Vendor location to store tapes which were unable to be returned by customers to the Vendor. $90.00 #x103

4. INFORMATION HOLDERS: These are the holders attached to the outside of the Vendor to supply information sheets to customers. "A" rack (8x6x2)-$8.60, #x-104, "B" rack (4x4x2)-$4.00, #x-105

5. SUPPLY KITS: These are the supplies used for the ongoing business of operating the Video Vendor. One kit is free with each machine. Individual supplies are as follows:

Code Labels	# X-106	$ 2.00 each
Single Ply Receipt Tape	# X-107	$ 4.80 each
Double Ply Reciept Tape	# X-108	$ 7.50 each
Membership Cards	# X-109	$ .50 each
Printer Ribbon	# X-110	$ 4.00 each
Aplication Form	# X-111	$ .50 each
1 Set of Inst. Signs	# X-113	$ 35.00
Business Reply Cards	# X-114	$ .20 each
Fixture Guide/Label	# X-115	$ 11.00 each

6. AUDIO PLAYER/SPEAKER: This item is used to provide voice messages to the customer while he is using the Vendor. The messages can be changed by the Vendor operator. The machine can turn on one message when the sensor senses someone approaching, and another message when the transaction has been paid for and while the robotic transport is moving. Each message requires a separate player and speaker. $150.00 per set of 1 player and 1 speaker # X-115.

7. MOVING ELECTRONIC MESSAGE SIGN: can be programmed by the Vendor operator and can be placed on the machine or at a remote location- $420.00 each #X-116.

8. INSURANCE: Protection from theft and fire, etc. Supplier: S & C Insurance (Frank Cerniglia: 312-398-3272) Ill. residents only. annual premium $300.00

9. TROUBLE SHOOTER AUTOMATIC PHONE DIALER: A device that is affixed to the Vendor and automatically dials a number to tell owner that machine is down or in trouble. The Vendor must have a telephone line hook-up to make use of this option $250.00 #X-117

10. MAINTENANCE CONTRACT: Nationwide: Anderson Jacobson 7 Metro Chicago & Metro Milwaukee: Automated Video $60.00 per hour or $1200 per year.

11. BURGLAR ALARM can easily help protect any of the machine's doors. It uses a 9V battery and has a loud siren.- $15.00 each #X-118

12. TV AND REPLAY VCP can be used to show video preview trailors. Fits in or on machine or at a remote location. Has 10" screen. $1500.00 per set #X-119

13. INTERFACE CARD is a requirement to plug in items #1, #6 and #9 (only one card needed) $79.95 each #X-121

14. PIN NUMBER COMPUTER is required if you wish to use the PIN number feature of the machine. The computer calculates automatically the correct PIN number for each credit card number. It comes pre-programmed and sealed. When the battery goes dead we will exchange the entire computer for $50.00. It should last over 6 months.- $179.00 each #X-122, Exchange #X-122A

15. DISPLAY RACK holds 120 movie boxes in assorted sizes and displays the front and back of each box. designed to be installed on the front left side of the Video Vendore or on either side of the Vendor. approximately 12" wide and 36" high and there are 15 plastic leaves with 4 slots each which customers can leaf through

Complete Display	#X-123	$ 250.00 each
Single Sleeve	#X-123A	$ 27.30 each
Bracket Only	#X-123B	$ 5.70 each

16 .Video Vendor Robot Posters #X-124 $ 3.00 each

17 .Video Vendor Robot Postercard #X-125 $ .05 each

18. V.V Robot 8 1/2 x 11 Fliers #X-126 $ .05 each

OWNER/OPERATOR SERVICE MODE

To service the Video Vendor we have provided bookeeping functions and maintenance aids which can be accessed through what is called the Service Mode. To enter the Service Mode all you have to do is open either the SERVICE DOOR OR THE ELECTRONICS DOOR with the appropriate key.

Once in the Service Mode you will see on the Display Monitor a list of service options. You can communicate with the Video Vendor by following the instuctions on the display monitor and using the key pad located just below the display monitor.

NOTE:
The functions of the keypad are:
a. 0-9 are digit entries
b. -ENTER-Key completes the selection or goes back to a previous menu
c. !arrow!-Back Space key erases the previous digit typed and the cursor on the screen moves back one space.

The first menu displayed on the monitor in the Service Mode features the following functions:

1. Bookeeping
2. Add Credits
3. Add Debits
4. Add Customers
5. Delete Customers
6. Set Tape Prices
7. Lock Out Tape
8. Early Timer
9. X Rating
10. Customer/Tape Access
11. System Options
12. Set Area & Store Code
13. Listings

SPECIAL NOTICE: WHENEVER THE "LEXAN" DOORS ARE UNLOCKED, THE ROBOTIC TRANSPORT IS SHUT-OFF !

(see page 23 for instructions on how to override this interlock)

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14. Set Date & Time

15. Adjust Counts

16. Examine Control #S

17. Change Control #S

18. Message Editor

19. Diagnostics

20. Communications

21. Return Tape

Enter Selection

To make a selection of one of these features type the appropiate number on the key pad followed by pressing the -ENTER- key. All selections other than those used for maintenance are protected by an access code. The access code for your machine is on a tag inside the service door. Be sure to remove the tag. To have this number changed, contact us and we will send you new plug-in "proms" for $25.00.

To select the Bookeeping feature for example, press the 1 key followed by the ENTER key.

The screen will display the following menu:

1. BOOKEEPING:
   - Income from rental =
   - Income from sales =
   - Income for period =
   - Total Rentals =
   - Service Credits =
   - Total Customers =
   - Grand Total Sales =
   - Last Service date =

Next press -1- for a complete printout listing. To interrupt (stop) the printing before it is finished, turn the machine off with the on/off switch or press the reset button in the electronics drawer.

or

Press any key to go back to the main menu

For bookeeping purposes
Pressing -1- generates the following listings;

Tape Register
Customer Register
Credit Card Register
Studio Register
Service Totals
Inv. Tape Register

The Tape Register contains the status of all tapes in the machine
See example 1

TAPE REGISTER

Tape #	Date	Rentals	Status
1	10/14/85	1	4286 OUT
2	10/14/85	3	0101 IN
3	10/14/85	0	0000 LOCK
4	10/15/85	0	0003 SALE

EXAMPLE 1

The Customer Register contains the customer financial status information.

See example 2

CUSTOMER REGISTER

Acct. #	Credits	Xtra-days	Last date
2436	4.00		10/16/85
1643		2.00	10/10/85
Totals	4.00	2.00	

EXAMPLE 2

The CREDIT CARD REGISTER repeats the information contained in

the customer register except it shows the complete credit card number with expiration date and also tells you the "charge it" amounts which will be zeroed out with the bookkeeping if you choose that option. Be sure to write up the appropriate charge slips for the "CHARGE IT" amounts each time you run a bookkeeping. Example 3.

CREDIT CARD REGISTER

acct	credit card no.	exp. date	charge
0011	5432123176542	11/87	10/29 12.00

example 3

The Studio Register contains the rental activity for studio release tapes which we expect the studios will soon provide on a royalty basis.

See example 4

STUDIO REGISTER

Control #	Times Rented
58206	3
64002	2

EXAMPLE 4

The Service Totals are the status of the machines financial performance since the last bookeeping totals were zeroed. "Sales Period" includes the total amount of rentals and sales including amounts which were "charged". Therefore, the cash in the cash box will not balance to the "Sale Period" amount untill the "charged" amounts are added in.

See example 5

SERVICE TOTALS

Total Customers	= 951
Total Cash Sales	= 746.00
Sales Period	= 746.00
Credits/Period	= 22.00
Tapes Sold/Per	= 6.00

Last Service = Oct. 14, 1985

EXAMPLE 5

The Invalid Tape Register contains all the locations with a tape that has a label not readable and could not be rented

See Example 6:

INV TAPE REGISTER

example
6 007=41685 025=65535 128=00000

The tapes listed in the invalid register should be checked for possible damaged labels, by physical inspection or by using the EXAMINE CONTROL FEATURE number 16 on the main menue. Replace damaged labels.

Following the bookkeeping listing you will be asked this question:

press -1- to zero out books
or
press -enter- to keep

Pressing -1- closes the bookkeeping for that period and zeroes the totals.

To verify that this is what you want to do, you are asked the following question:

you have chosen to zero out the books
press -1- if correct

By pressing -1- this time you execute the zeroing out function. Pressing -1- twice is a safety feature to insure that you can't accidently zero the totals.

Pressing -ENTER- keeps the totals intact.

To verify that this is the action you wish to take you are asked the following question:

You have chosen to keep the books
Press -ENTER- if this is correct
(Press -1- to zero out)

By pressing -ENTER- this time you return to the main menu and do not zero out the books.

2. ADD CREDITS
OR
3. ADD DEBITS

These two functions are very similar in operation One adds

credits and the other one adds debits. By selecting either one of these, you will be asked what account do you wish to credit or debit. By typing in the account number and pressing the -ENTER- key, you will be asked what amount would you like to credit or debit. Next enter the amount but do not enter decimal points in the amount field. In other words to enter $1.25, you enter 125, then press the -ENTER- key. For $.25 you enter 25 and press -ENTER-. If you do not enter an amount and just press the -ENTER- key, you will be returned to the previous question which was what account number is to be credited or debited

Again if you press-ENTER- you will be returned to the main menu. In this manner the -ENTER- Key is used like an escape key on a personal computer.

4. ADD CUSTOMERS
OR
5. DELETE CUSTOMERS

Adding and deleting customers are also very similar feautres..
For example :

To add customers you are asked the number of (how many) customers you wish to add or a specific customer account number you wish to add.

To create a specific account number you need only enter the last 8 digits. The first 6 digits are always the area code and store code which you have set under those options on the main menue. The customer account number is made up of several sections listed below.

EXAMPLE:

1. 1st three numbers = area code (ie:312)
2. 2nd group of 3 numbers = the store code (ie: 555)
3. 3rd group of 4 numbers = the member account number
   Note: Such as 4525/6 read 4525 or 4526
4. 4th group of 4 numbers = variable number which the customer can change any time he enters his number in the machine.

Note: The customer is actually issued two numbers for security- 4525/6 means he has been assigned 4525 and 4526. If the number you choose is not valid or is already issued, you will not get a printout listing. It only prints when the number entered is acceptable.

If you want to add 10 new accounts, you press -1-and-0- followed by pressing the -ENTER- key. It will add 10 accounts

and list them on the printer. The Vendor will calculate the numbers for you.

To delete a customer the VENDOR will ask you which account do you wish to delete. You enter the 4 digit member account number. When it deletes, it will give you a listing on the printer of all information pertaining to this account. Such as which tapes he has out, how much money he has put in, the total amount of credits and the last date his account was used. Also any tapes still out are cleared making those slots available for rental again.

See example 7:

```
Add Customers

Added customer # 52  31255510004527

Delete Customer

   Deleted Customer # 1000-4527 Date 10/15
 T#1   T#2   Past/Cred   Tot Sale    Tot Cred
 0 I   0 I    0.00C       0.00        0.00
```

EXAMPLE 7

NOTICE: FOR PURPOSES OF ACCESSING CUSTOMERS ACCOUNTS WE USE ONLY THE 4 DIGIT PART OF THEIR 14 DIGIT NUMBERS, NAMELY THE 7TH, 8TH, 9TH, AND 10TH NUMBERS. TO ACCESS CREDIT ACCOUNT CUSTOMERS WE MAY ENTER THE ENTIRE CREDIT CARD NUMBER IN OPTION 10 OF THE MAIN MENUE AND THE 4 DIGIT NUMBER ASSIGNED TO THAT ACCOUNT WILL BE DISPLAYED.

6. TAPE PRICES

1). Change rental prices
2). Change daily discount
3). Change sale price
4). Change extra-day charge
5). Set all rental price
6). Set all extra-day charges
7). Set all Sale prices

Enter Selection...

The Tape Prices function is a seperate sub-menu. You can(1)change a rental price on a specific tape, (2) change the

daily discounts on all tapes, (3) change sale prices on a specific tape, (4) change the extra day charges on a specific tape, (5) change all rental prices, (6) change all extra day charges, (7) set all sale prices.

By changing one rental or sale price, you will be asked the tape number that you wish to change. After entering that number it will display the old rental/sale price and ask for the new rental or sale price. If the system is set for "Two For" operation (#11 on the main menue) you cannot use the daily discount feature or change any rental prices. You can change sale prices.

The daily discount feature allows you to enter amounts of money you wish to allow as discounts on specific days of the week. This will apply to all RENTAL tapes in the machine.

If you change ALL RENTAL, ALL SALES or ALL EXTRA DAY prices...this affects every slot in the machine (sales and rentals alike). It is necessary to then correct any slots that do not apply.

7. LOCK OUT TAPES

This function is used for tape slots that are not available for rentals or sales.

For example:
Title identification slots such as:
DRAMA, NEW RELEASES, HORROR SECTIONS OR EMPTY SLOTS, ETC.

These are the slot locations you do not want the transport head assembly to go to. Type in the number that identifies those slot locations and the machine will make them unavailable for the customer to access.

8. EARLY TIMER

This function allows you to select the number of minutes that a tape is allowed to be out on rental and be returned for full credit. If the "Two For" operation is on (main menue item #11 sub #3) no credits are given for early return.

For example:

If you rent a tape at 12:00 and the timer is set for 15

minutes, you have until 12:15 to return the tape and receive full credit for the rental. If you return it after 12:15 no credit will be given. The timer can be changed from 0 to 255 minutes, maximum.

9. X-RATING

sub #1.

You are given the choice of carrying X-rated movies and being able to restrict their rental. If you choose to do this then a section where the X-rated movies are to be located must be identified. The x-rated section in the machine must be all contiguous. You cannot have tape locations 100 thru 110 and locations 120 thru 130 being x-rated. They must be all next to each other. By selecting the Change Range Option you can enter the new starting tape location and the ending location. If you press 0 there will be no range in that way all your customers can rent any tape in the machine even if it is x-rated.

sub #2.

Additionally, each customer can be allowed or prohibited from renting X-rated tapes. This is done by changing the indvidual customers status which is on an individual account basis. There you can limit some customers from renting X-rated movies. The Vendor will check the customers ratings and not let him rent X-rated tapes.

You may select whether you want all credit card customers to be able to rent x rated movies or not by choosing the appropriate option found in the credit card feature in option 11 sub 1. Unless, of course, no range is selected, in which case everybody can rent X-rated movies.

10. CUSTOMER/TAPE ACCESS

This section is the customer tape access screen. In this mode you can view the history and status of any account or tape in the machine.

For Example:

You can get the status of a customer account; it will show which tape he has out, if he has a credit balance, past due balance, x-rating, total cash he has put into the machine, last date that he used the machine and total credits. If a credit card was used, the card # and expiration date will also be displayed. For a tape status ,it will show the current customer and/or the previous customers, the label code, the number of times the movie has been rented, the rental and xtra-day price or sale price and the last day rented or returned.

To INVALIDATE A CREDIT CARD, that is to put the credit card

number on our "Bad List", enter the entire credit card number. If the machine does not find the number as being currently active (open) it will tell you "the number is not found, press 1 to add to bad list. By pressing 1 on the keypad you have added that credit card to the machine's bad list and if anyone tries to use the card a message will appear on the monitor that the card is invalid. If the credit card account you're trying to invalidate is active, then the machine will display the 4 digit account number assigned to that credit card and you will have to delete the account number before invalidating the credit card.

11. SYSTEM OPTIONS

These are additional features

1. Credit Card System
2. Weekend System
3. Two for System

These are all on/off features

1. The Credit Card System allows entry of Visa and Mastercard as well as a member account #. Turning on the Credit Card Option will also ask if you want to use PIN numbers. PIN numbers are Personal Identification Numbers used for additional registration with the owner/operator of the machine to identify customers. If you choose the PIN number option you will be asked if you wish to use the standard PIN number formula which would be the same for all Video Vendor machines or if you want to use a special number. If you choose to use PIN numbers you will require the accessory item PIN NUMBER COMPUTOR to calculate the PIN number. If the X Rated feature is on, you will also be asked to choose whether you want to allow credit card customers to rent X Rated movies.

2. The Weekend System allows no xtra-day fees fee charges to be assessed for Saturday and Sunday on tapes rented on Friday. Locations which are closed weekends would use this feature. The late fee charge is turned off for the weekend.

3. The Two-for-System allows rental of two tapes for one special price. When this mode is on, no early return credit will be given and no credit will be given if the machine malfuntions and fails to vend a movie or only vends one movie when two are requested and paid for. Also, the entire machine will have the same rental price for all single movie rentals as well as all two movie rentals.

To set the "Two For" price the menu asks:

Old "Two For" price =3.00 New price = ____

After entering you are asked:

Old single movie price = 2.00 New price = ____

When the "Two For" Option is selected you cannot use the Daily Discount Option.

12. SET AREA & STORE CODE

This allows you to set the Area and Store Code of the location of the VIDEO VENDOR installation.

Example:

OLD AREA CODE = 312 NEW AREA CODE = 415

OLD STORE CODE = 412 NEW STORE CODE = 505

The machine will come with preset numbers for the area code and store number. Area code and store code can be changed, when the machine arrives for installation, to any number the owner wishes to assign.

13. LISTING

This feature gives you the various printouts that are available. Such as; The Tape Register, Customer Register, Studio Registers, Service Totals, Invalid Tape List and Credit Card List. These are the same listing as in the bookeeping mode. The difference between Bookeeping and Listing is that these listings can be printed individually; where as, in the Bookeeping mode you get all the listings.

There are three additional lists in this mode that are not in the Bookeeping mode and they are :

1. Lock Out List.....Gives you a listing of all spaces you have locked out and are not available for rental.

2. Price Lists.....Gives you all the prices of all the tapes that are rentable and prices for all the tapes that are for sale.

3. Customer List.....Gives you an entire list of all customers in the machine and any amounts that they owe, or credits and the last date they did a transaction on the Vendor.

14. SET DATE & TIME

This feature is used to set the internal time clock of the VENDOR. It will ask for the "date". The format for this is:

month - day - year
MMDDYYYY

The month is a two digit number, the day is a two digit number and the year is a four digit number. So to enter the date January 3,1985. You would type in - 01031985 - followed by pressing the

-ENTER- key. Next it will ask you for the time which uses the 24 hour format.

EXAMPLE:

To enter 4 AM
You press 0400 followed by pressing the -ENTER- key.
3 PM is 1500.

Lastly it will ask you for the day of the week which uses a 1 to 7 code format:

1 = Monday
2 = Tuesday
3 = Wednesday
4 = Thursday
5 = Friday
6 = Saturay
7 = Sunday

EXAMPLE:
To enter Wednesday
Press -3- and the -ENTER- Key

15. ADJUSTMENT COUNTS

This sub menu is for adjusting the transport. The numbers are set in the factory and should not need to be changed. These numbers are for physical repositioning of the transport head assembly.

1). The screen displays "Location _____ (Access Door 999)" To move the transport to the Access Door enter 999 and press "ENTER". The transport will move to the access door. Determine visually if the transport is in the correct position (level to the access door) to vend or receive movie cassettes. The screen will now be displaying "Old Y Count (numbers) New Y Count_____". By adding numbers to the numbers displayed as "Old" and entering the entire new number as the "New Count" and pressing "ENTER", the transport will return to Home and come back to the transport in a higher position. To lower the transport in relation to the access door, subtract numbers from the "Old Count".

NOTE: Each number added or subtracted equals .0014 inches.

When you are satisfied with the access door position you may enter any slot location number from any shelf in order to check the relationship of the transport to the height of each shelf. The shelf slot location is entered instead of 999 which was the number used to test the access door position. For example, if the number 1 is entered then the transport will move to slot location 1 (upper left corner). By visually lining up the floor of the

transport with the floor of the shelf you can determine if the transport needs to be repositioned. NOTE: The transport floor should be slightly below the shelf floor, about 1/8".

Enter new counts in the same manner as explained above.

After completing Y (vertical) count changes, and pressing "ENTER" the screen will display "Old X (horizontal) Count and ask if you wish to move to a location to check the horizontal positioning. If you enter any slot location number the transport will move to that location so you can visually see if the transport lines up well (left and right) with the slot. Any slot can be used for the X positioning, all slots will respond to the same positioning number.

NOTE: The original count numbers are written on a paper tag attached to the inside of the electronics door. Whenever you change counts be sure to correct the numbers on the tag.

After changing the X count (or leaving it alone) press "ENTER" and the machine will give you additional chances to line up the transport with other shelves in order to change the X AND Y counts and the access door counts.

16. EXAMINE CONTROL #

This feature is used for examining the control numbers on a tape label.

If there is a problem with a label on a tape; such as a customer has damaged it thus creating a problem returning the tape; then you may enter the EXAMINE CONTROL # mode and insert the tape for a sample reading of the label.

The Vendor will display on the screen the numbers corresponding to that label and a graphic diagram of the label. If the diagram doesn't match the actual label then the label is defective.

17. CHANGE CONTROL #

This feature is used only if you wish to return the tape by entering the customer account number and allowing the transport to return the tape. The normal procedure for returning tapes would be to use option #21 on the main menue, in which case this option is not necessary. Nevertheless, this feature allows you to change the label control number. For example, if a label gets damaged, you remove it and put a new label on the movie. Then you find out what the new number is by using the EXAMINE CONTROL # mode of operation. After noting the new number go back to the CHANGE CONTROL # mode. The display will ask you for the slot location number of the movie. You get the number for the slot location off the PRINTED MOVIE LISTING or off the cassette (if you wrote the slot number on one of the cassette's labels when you put it in the machine.) When you enter the slot number the screen displays the Old Control # and asks for the new one. Just enter the new number you just read in the EXAMINE CONTROL # mode.

Now return the movie using the customer account number.

18. MESSAGE EDITOR:

This feature allows you to change numerous messages in the machine. The following messages are available:

1. The TITLE SCREEN MESSAGE which is a one line message displayed at the bottom of the screen in the box. It is a maximum 62 characters long.

2. The RECEIPT MESSAGE: There are 2 message lines available located at the top of the Customers Receipt. These are each a maximum of 40 characters long.

3. The TRAILING MESSAGES: Up to 3 message lines may be printed at the end of a Customer Receipt. They are each a maximum of 40 characters long.

To edit one of the messages you will be given a very

unique word processor which among other things will allow you to enter alphanumeric characters by using the numeric key pad.

A menu will appear and the Key Pad is used as a word processor with the following features:

KEY PAD

-(1)- Clear Letter: will erase the letter at the current cursor position

-(2)- Previous Letter: will decrement the letter above the cursor, on the display, to the previous letter of the alphabet.
Example F becomes an E

-(3)- Abort Edit: will exit from the editor and not save any changes

-(4)- Cursor Left: will move the cursor to the left

-(5)- Center Text: will center the current text within the work area

-(6)- Cursor Right: will move the cursor to the right

-(7)- Start of Line: will move the cursor to the start of the work area

-(8)- Next Letter: will increment the letter above the cursor, on the display, to the next letter of the alphabet.
Example: F becomes G

-(9)- End of Line: will move the cursor to the end of the line

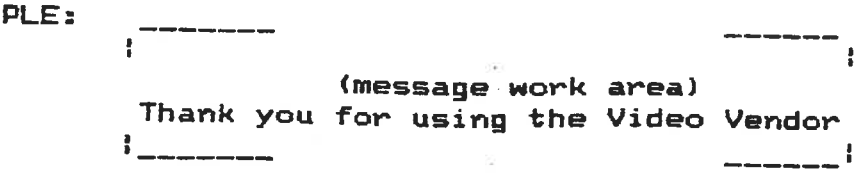
-(0)- Invert Letter: will change the letter from normal to reverse video on the monitor screen only...not printed on the receipt paper.

-(ENTER)- will save the work area and exit from the editor.

-(arrow)- will erase the entire message from the work area

Below the menu on the display screen is the work area for creating the messages and making corrections.

EXAMPLE:

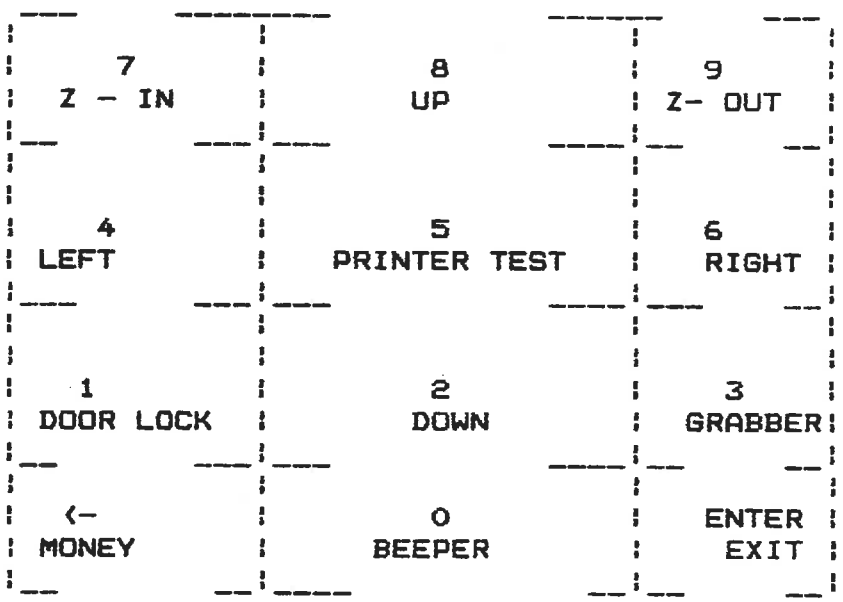


19. DIAGNOSTICS

In this mode the Key Pad can be used to excercise the VENDOR in accordance with the following menu:

Example of display on the screen:

KEY PAD




```
Transport Switches:
  Tape     -Top     YES/no
  Tape     -Wrong   YES/no
  Tape     -Front   YES/no
  Grabber  -In      YES/no
  Grabber  -Out     YES/no
  X        -Home    YES/no
  Y        -Home    YES/no
Counters:
  X- Count           XXXXX
  Y- Count           XXXXX
  Comm Cnt            XXXX
Credit Card     =
```

```
Service Switches:
  Service   -Door    YES/no
  Body      -Sensor  YES/no
  Access    -Door    YES/no

Money Switches:
  Bill Pulse         YES/no
  Coin Pulse         YES/no
```

In the diaganostic mode the key pad is used to activate the indicated Vendor operations and the display Monitor is used to see the results of the Vendor operations.

In the diagnostic mode you can read any credit card and the results of that reading will be displayed on the bottom of the screen opposite the words: Credit Card

The sensitivity of the BODY SENSOR can be adjusted by turning the small slotted screw located just under the two red sensor holes which can be reached through the cash box door.

When in Diagnostic Mode it is necessary to press "enter" to get back to the main menu and ultimately to customer screen...in other words you may have to -HIT ENTER- a number of times...

IF YOU WOULD LIKE TO OVERIDE LEXAN DOORS INTERLOCK SWITCH SO YOU CAN OPERATE THE TRANSPORT WHILE THE LEXAN DOORS ARE OPEN IT WILL BE NECESSARY TO LOCATE THE INTERLOCK SWITCH IN THE CENTER AND BELOW THE SLIDING DOORS AND MOVE ONE OF THE WIRE TERMINALS FROM THE CONNECTOR IT IS ON TO THE CONNECTOR NOT CURRENTLY BEING USED.

---- CAUTION ----- Do not forget to put the wire back and use extreme caution when checking or repairing while under power.

20. COMMUNICATIONS

The communications menu is provided so that the Video Vendor can be configured to transmit or receive data with a variety of communication devices.

The following is a list of options available:

1. Transmit Customer: All information on all customers will be transmitted

2. Transmit Tape: All information on all tape locations will be transmitted

3. Transmit Service: All service totals will be transmitted

4. Transmit Message: All messages will be transmitted

5. Transmit All: The entire Data Base of the Vendor will be transmitted

6. Receive Messages: All Vendor type messages for the display monitor and customer tape will be received

7. Receive All: The Vendor will receive the entire Data Base

8. Change Configuration: This feature allows you to change the communications parameters (baud rate, stop bits, data bits, and parity)

A) Change RS 232 Serial Configuration.

1. 150	3. 300	5. 2400	7. 9600
2. 300	4. 1200	6. 4800	8. 19200

Old baud rate = 600 New baud rate = _____

Old number of stop bits = 1 New number of stop bits ? _

1- none 2- old 3- even

Old Parity = none New parity = odd

When changing the Communications Configuration you may set the baud rate to one of the following speeds: 150, 300, 600, 1200, 2400, 4800, 9600, 19200. The rate of 19200 is available but not recomended.

The number of stop bits can be set to 1, 1.5, or 2 stop bits per character.

The number of data bits can be set to either 7 or 8 bits per character.

The parity can be set to even, odd or none.

Please check with your computer manual for the correct configuration.

If you are using the DATA RECORDER recommended by

Video Vendor

use the following configuration:

BAUD RATE = 9600
STOP BITS = 1
DATA BITS = 8
PARITY = NONE

21. RETURN TAPE:

The return tape Feature allows you to return a tape to the machine knowing only the tape location #. After selecting this feature you are asked the tape location #. After entering the number a receipt will be printed and the customer account is automatically updated. You are then instructed to return the tape to the appropriate location simply by sliding the large "LEXAN" viewing doors open and putting the movie in the location indicated. This function is used to return tapes that were left at the counter.

SHOWN BELOW ARE ONE "RENTAL" AND ONE "RETURN" RECEIPT.

THE FIRST 4 DIGITS OF THE RECEIPT NUMBER ARE ACTUALLY THE CUSTOMER ACCOUNT NUMBER, (THE 7TH-8TH-9TH AND 10TH NUMBERS OF THE 14 DIGIT MEMBERSHIP NUMBER OR THE FOUR DIGIT NUMBER THE MACHINE ASSIGNS TO CREDIT CARD USERS). THESE ARE THE FOUR DIGITS WHICH ARE USED TO ISSUE CREDITS, DEBITS, DELETE, ETC.

THE LAST FOUR DIGITS ARE THE ACTUAL RECEIPT NUMBER.

THE STORE CODE DISPLAYS THE AREA CODE AND STORE LOCATION NUMBER, ALTERNATING (312) (555).

THESE RECEIPTS SHOW A RENTAL AND RETURN WITHIN 15 MINUTES THEREBY LEAVING A CREDIT BALANCE. ON A NORMAL RENTAL AND RETURN NO BALANCE IS SHOWN AND ON AN EXTRA DAY RETURN A BALANCE OWED IS SHOWN.

Dec. 26, 1985 6:48pm Receipt #01297016

THANK YOU FOR USING VIDEO VENDOR
(312) 982 - 0440
Store Code #351525

Credit Card used..... MasterCard
Amount Deposited..... 2.00
Rented Tape #24.....2.00
Come Back Again Soon
Save this receipt for 30 days

Dec. 26, 1985 6:53pm Receipt #01297017

Thank You For Using Video Vendor
(312) 982 - 0440
Store Code #351525

Credit Card Used.....MasterCard
Returned #24 from 12/26/85 at 6:49pm
within 15 Mins. for CREDIT..... 2.00
Unused Credits..... 2.00
Come Back Again Soon
Save This Receipt For 30 Days

MAINTENANCE

Before we start lets review the meaning of some of the special words used...

Prom - Programable read only memory. Used primarily to store the Video Vendor operating software.

MPB - Main Processor Board which contains all of the memory chips and input, output control chips.

PCB - Printed circuit board refers to all of the fiberglass epoxy resin boards which have memory or control chips.

Bubble - This is a special memory which the computer can write to, read from and store permenent data to without fear of losing it during a power failure.

X axis - Refers to the left and right direction (horizontal).

Y axis - Refers to the up and down direction (verticle).

Z axis - Refers to the in and out direction.

Encoder- Refers to a device which counts and stores pulses which indicate an amount of movement.

MAINTENANCE

Theory Of Operation

The Video Vendor is an automated video cassette tape vending machine. It consists of four main elements which are:

1. The software control program which resides on the MPB BOARD in the form of a stored program entered in PROM MEMORY CHIPS.

2. The Customer interface elements which consist of all the interaction devices located in the front right side of the Vendor. These elements are the Customer sensor, Video Monitor, Key Pad, Magnetic Card Reader, Coin Acceptor, Dollar Validator, Paper Tape Printer, and the Dispensor Door.

3. The Control Elements which are located in the maintenance drawer on the bottom right hand side of the Vendor. The Control elements consists of the DC power supplies, Main MPB PCB, the Bubble Memory PCB, and the Motor Control PCB.

4. The Feed Elements are located on the left side of the Vendor just inside the clear lexan doors. These elements are made up of the x,y,and z motors, carriage head assembly, label reader, motor encoder,various solenoids, and physical chains which drive the carriage assembly.

To get a better understanding of how the Video Vendor functions the following is a description of the sequence of events that the Vendor goes through during a rental cycle.

THE SEQUENCE OF EVENTS DURING RENTAL

The heart of the Video Vendor is the MPB board, it controls all input/output functions between all the modules which comprise the Video Vendor. It stores the operational program which control the Vendor.

When the Video Vendor is turned on and ready to be operated, the MPB borad will be looking for input from the Customer Sensor, Card Reader, and the Key Pad modules. Upon detecting input from any one of those modules the MPB will start the various software programs to initiate the vending operation.

The video display monitor is the visual communication device between customers and Vendor.

The monitor will display a series of questions for which the customer must give positive response. One of the most important of these responses is that of entering a valid account number either through the Key Pad or the Card Reader.

When a valid account number is entered by the customer; he can either Rent, Purchase, or Return a vended item, pay late fees or change the last four digits of his account number. If a selection is chosen requiring money to be paid, the MPB then checks the dollar bill validator and coin acceptor to see if the proper amount of money has been received to cover the present transaction.

In a rental or return transaction, if the correct amount has been deposited and the account is up to date the MPB tells the motor controller board to take the Transport Head assembly to the appropriate X or Y location. It will either go to a tape location on a rental or go to the dispensor door on a return.

On a rental the Transport Head assembly goes to the location of the selected tape. It does this under control of the MPB board which calculates the X & Y location of every rental slot. The MPB board checks the counter on the Motor encoder board and keeps track of the transport position at all times. The motor encoder board counts the steps traveled by using an optical disc mounted on the shaft of the X & Y drive motors. The optical sensor pulses when it sees spaces in the optical disc as it revolves around. The pulses represent transport movement in the X and Y direction. When the count matches the MPB address, the transport has arrived at the proper tape slot location.

The Z motor next moves inward and the grabber solenoid is energized. It grabs the tape and the Z motor pulls the tape out into the transport head assembly.

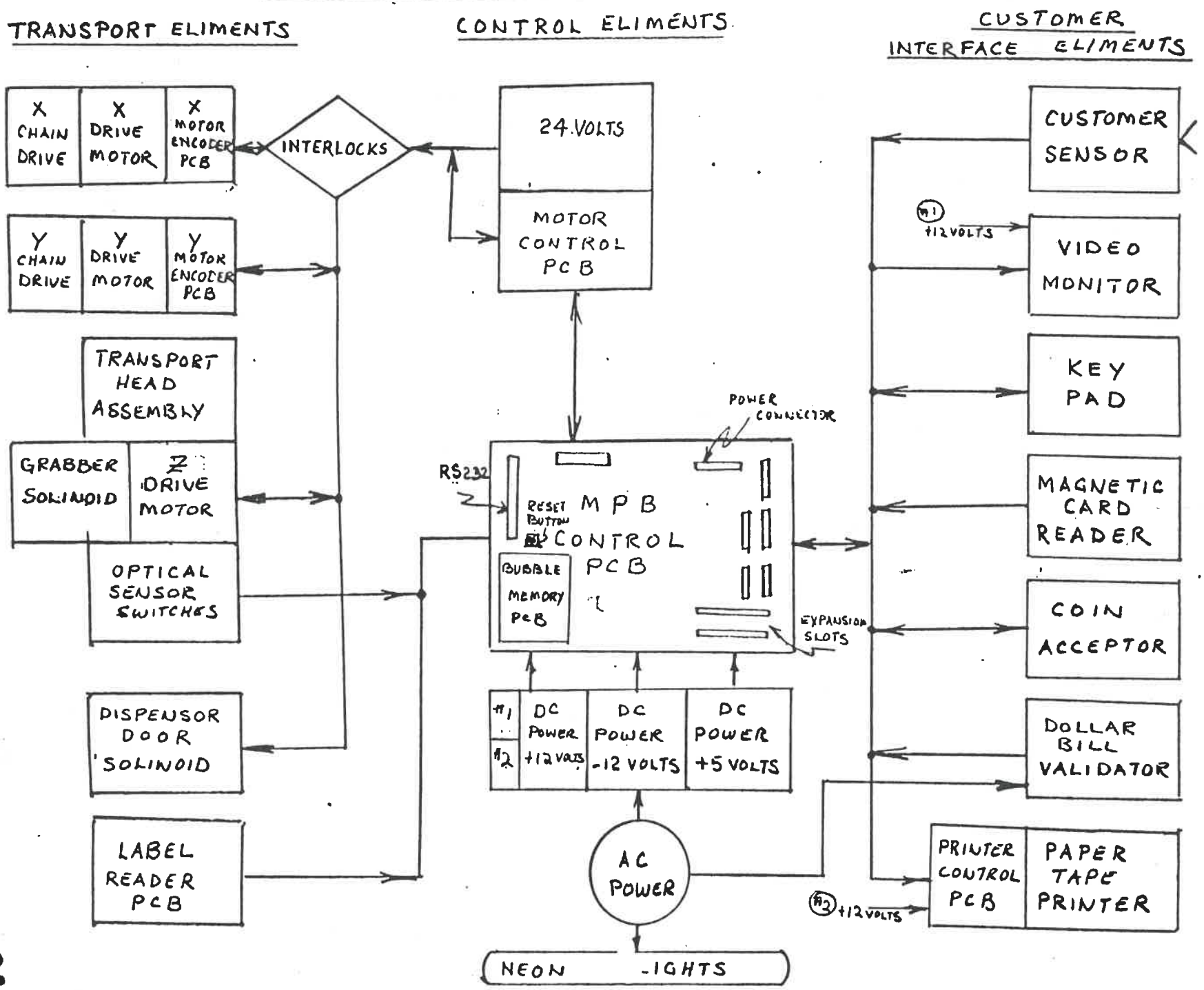
The transport head assembly then takes the tape to the dispensor door. When it arrives at the door the Z motor pushes the tape up against the label reader.

The label reader is then turned on in order to read the coded label on the tape. If the label is read the Z motor backs out and the door latch solenoid is activated. The tape is ready for removal and the customer can lift the dispensor door and take the tape.

The printer makes a list of the transaction so that the customer can have a copy for his records and the MPB updates the customers account on it's Bubble PCB.

To return a tape the customer identifies himself by entering the same account number or credit card he used when renting the tape. He then enters the return code with the key pad and the transport head assembly moves to the dispensor door. The customer inserts the tape properly in the assembly and the door latches. The label reader validates the tape and the MPB returns the tape to the proper location and updates the customers account. The customer also receives a paper tape printout from the printer for his own records.

VIDEO VENDOR BLOCK DIAGRAM



-ASTERISK (*) DENOTES NEW MOVIES THIS MONTH

VIDEO VENDOR * ALPHABETICAL * MOVIE GUIDE-- 10-8-85

(315) 1941 ^^^ JOHN BELUSHI-JOHN BELUSHI IN A COMEDY ABOUT A JAPANESE INVASION OF CALIFORNIA-PG

(77) 1984 ^^^A STORY ABOUT LOVE AND TRAGIC LOVE AND BETRAYAL IN HORRIFIC WORLD OF 1984 -R-

( ) 2001 A SPACE ODYSSEY ^^^ KEIR DULLEA-GARY LOCKWOOD IN AN INVOLVED SPACE MOVIE ADVENTURE INTO ANOTHER REALM OF THOUGHT AND TIME IS A ONE OF A KIND MASTERPIECE-G

(63) 2010 ^^^AN EMOTIONALLY MOVING THRILLER CONTINUING FROM 2001 TO THE YEAR WE MAKE CONTACT-PG-

(35) 48 HOURS ^^^ NICK NOLTE-EDDIE MURPHY IN A COP AND ROBBER TYPE DRAMA WITH SLAM BANG ACTION -R-

* (4) A PASSAGE TO INDIA ^^^^THIS ACADEMY AWARD WINNER ABOUT AN EMOTIONAL AND DEEPLY PERSONAL OF LOVE AND CLASS-STRUGGLE IN1928 INDIA. -PG-

(117) ABSENCE OF MALICE ^^^^ SALLY FIELD-PAUL NEWMAN IN A DRAMA THAT TAKES A LOOK AT THE ETHICS OF JOURNALISM -PG

(16) AGAINST ALL ODDS ^^^ JEFF BRIDGES AND RACHEL WARD IN THIS STORMY LOVE ACTION SPORTS AND DETECTIVE MONEY -R-

(221) AIRPLANE II ^^^ LLOYD BRIDGES-WILLIAM SHATNER IN THE 2ND CHAPTER OF AIRPLANE SET IN OUTER SPACE-PG

(258) ALIEN ^^^^ TOM SKERRITT-JOHN HURT CREW A CARGO SPACE SHIP WHICH ENCOUNTERS A MONSTER ON IT'S WAY BACK TO EARTH-R

(266) ALICE DOESNT LIVE HERE ANYMORE ^^^ KRISTOFFERSON AND BURSTYN IN THE ABSORBING ADVENTURE OF A WOMAN ON HER OWN-PG-

(85) ALL THE PRESIDENTS MEN ^^^^ ROBERT REDFORD-DUSTIN HOFFMAN IN THIS SPELL BINDING MOVIE ABOUT THE WATERGATE SCANDEL -PG-

(22) ALL OF ME ^^^ STEVE MARTIN AND LILY TOMLIN IN A WACKY COMEDY ABOUT SOUL SWITCHING -PG- 93M.

(256) ALTERED STATES ^^^ WILLIAM HURT-BLAIR BROWN A MIND BLOWING PSYCHEDILC MONSTER MOVIE THAT BEGINS AS A MYSTERY-R

* (42) AMADEUS ^^^^ACADEMY AWARD MOVIE ABOUT THE LIFE OF AMADEUS MOZART 4 STARS -PG-

(101) ANGEL ^^ DONNA WILKES BY DAY AN HONOR STUDENT BY NIGHT A HOOKER -R

(77) AVENGING ANGEL ^^^^ITS FOUR YEARS LATER-THE COP WHO GOT HER OFF THE STREET HAS BEEN MURDERED-ANGELS BACK WITH A VENGENCE-R-

(48) BACHELOR PARTY ^^^ TOM HANKS-TAWNEY KITAEN A CUTE COMEDY ABOUT A YOUNG MANS BACHELOR PARTY 111M.

(133) BAD BOYS ^^^ SEAN PENN IN A MOVIE ABOUT A HARD BOILED TEENAGER AND HIS FIGHT TO SURVIVE IN REFORM SCHOOL -R

(270) BEAST MUST DIE ^^^ WHICH ONE OF EIGHT GUESTS IS THE BLOOD CRAZED WEREWOLF-PG-

(135) BEING THERE ^^^ PETER SELLERS IN A COMEDY ABOUT AN INNOCENT SIMPLETON WHO IS THRUST INTO THE WORLD OF WEALTH -PG

(217) BEST LITTLE WHOREHOUSE IN TEXAS ^^^BURT REYNOLDS+DOLLY PARTON IN THIS COMEDY MUSICAL. -R-

( ) BEST OF TERRYTOONS ^^^CHILDRENS CARTOON ADVENTURES -G-

(77) BIG CHILL ^^ WILLIAM HURT-GLENN CLOSE FORMER COLLEGE BUDDIES MEET AT THE FUNERAL OF ONE OF THEIR COMRADES -R-

(54) BIRDY ^^^ABOUT AN EX-VIETNAM VET. IN A ARMY HOSPITAL WHO BELIEVES HE IS A CREATURE FROM CHILDHOOD -R-

(13) BLACK HOLE ^^^ MAXIMILIAN SCHELL AND ANTHONY PERKINS A WALT DISNEY SCI-FI ABOUT A MAD SCIENTIST WHO COMMANDS A RESCUE SPACESHIP ON THE EDGE OF A BLACK HOLE. -PG- 97 MINUTES

(230) BLAZING SADDLES ^^^^ GENE WILDER-CHEVRON LITTLE IN A MEL BROOKS COMEDY SPOOF OF WESTERN MOVIES AND RACIAL PREJUDICE-R

(110) BLACK MARBLE ^^A COMIC ROMANCE ABOUT 2 COPS WHO PURSUE A DOGNAPPER -PG-

(251) BLADE RUNNER ^^^ HARRISON FORD AS A SPACE AGE DETECTIVE WHO HAS TO TRACK DOWN HUMANLIKE ROBOTS/ NOT WELL KNOWN BUT GREAT-R

(176) BLACK STALLION RETURNS ^^KELLY REMO SHOWS HOW ARAB TRIBESMEN KIDNAP THE POWERFUL SNEED AND BRING HIM T THE SAHARA -PG-

(276) THE BLOB ^^^ STEVE MC QUEEN- A SLIMY GOO FROM OUTER SPACE INVADES A SMALL TOWN AND MC QUEEN COMES TO THE RESCUE-PG

(126) BLUE THUNDER ^^^ ROY SCHEIDER-WARREN OATES IN A SUPER DUPER HIGH TECH HELICOPTER POLICE MOVIE -R

(88) THE BOAT ^^^ GRIPPING DETAILED GERMAN PRODUCTION ABOUT U-BOAT LIFE DURING WORLD WAR II -R-

(14) BODY DOUBLE ^^^ CRAIG WASSON AND DEBORAH SHELTON IN A HITCHCOCK STYLE MURDER MYSTERY -R- 110 MINUTES

(6) BOLERO ^^ STARRING BO DEREK IN A SOFT PORN FILM WHICH DISPLAYS BO AT HER BEST.... -R- 105 MINUTES

(250) BRAINSTORM ^^^ NATALIE WOOD-HER LAST FILM-ABOUT SCIENTISTS WHO ENABLE PEOPLE TO FEEL OTHERS THOUGHTS AND DREAMS-PG

(213) BREAKOUT ^^^ CHARLES BRONSON IN -THE- ESCAPE FILM HE HAS TO BREAK PRISONER OUT OF A MEXICAN PRISON-PG

* (53) BREAKFAST CLUB ^^^^5 TEENAGERS SPENDING SATURDAY DETENTION TOGETHER IN THEIR HIGH SCHOOL LIBRARY -R-

(281) BREAKDANCE ^^^ANOTHER ONE OF THOSE MOVIES ON THE FANTASTIC WORLD OF BREAKDANCING -PG-

(218) BROADWAY DANNY ROSE ^^^^A WOODY ALLEN COMEDY / 2ND RATE MANAGERS FRANTIC EFFORTS TO REVIVE CAREERS-R

(91) BRUBAKER ^^^ ROBERT REDFORD AS A REFORM MINDED PRISON WARDEN WHO HALTS CORRUPTION ONLY TO BE DISMISSED -R-

(211) BUSTIN LOOSE ^^^RICHARD PRYER STARS AS A SMALL-TIME THIEF WHO SHEPHERDS SOME RASCALLY KIDS TO THE WEST COAST IN A BUS-R-

(52) C. O. D. ^^^ PENTHOUSE PETS ARE SHOWCASED IN THIS SENSUOUS SCENARIO OF A STRUGGLING ADVERTISING AGENCY TRYING TO FILL A VERY UNUSUAL ORDER-PG

( ) CANNONBALL ^^THIS INVOLVES A RACE FROM L.A. TO N.Y. WITH 100

( ) CARTOON PARADE ^^^ CARTOONS FOR THE LITTLE KIDS GREAT FOR BIRTHDAY PARTIES

(263) CARRIE ^^A TALE ABOUT A WEIRD TEENAGE GIRL WHO WHEN BUGGED BY HER CLASSMATES USES TELEKINESIS IN REVENGE -R-

(206) CARE BEARS MOVIE ^^^A SPECTACULAR ANIMATED FANTASY ABOUT ANIMALS THAT HELP RESCUE CHILDREN -G-

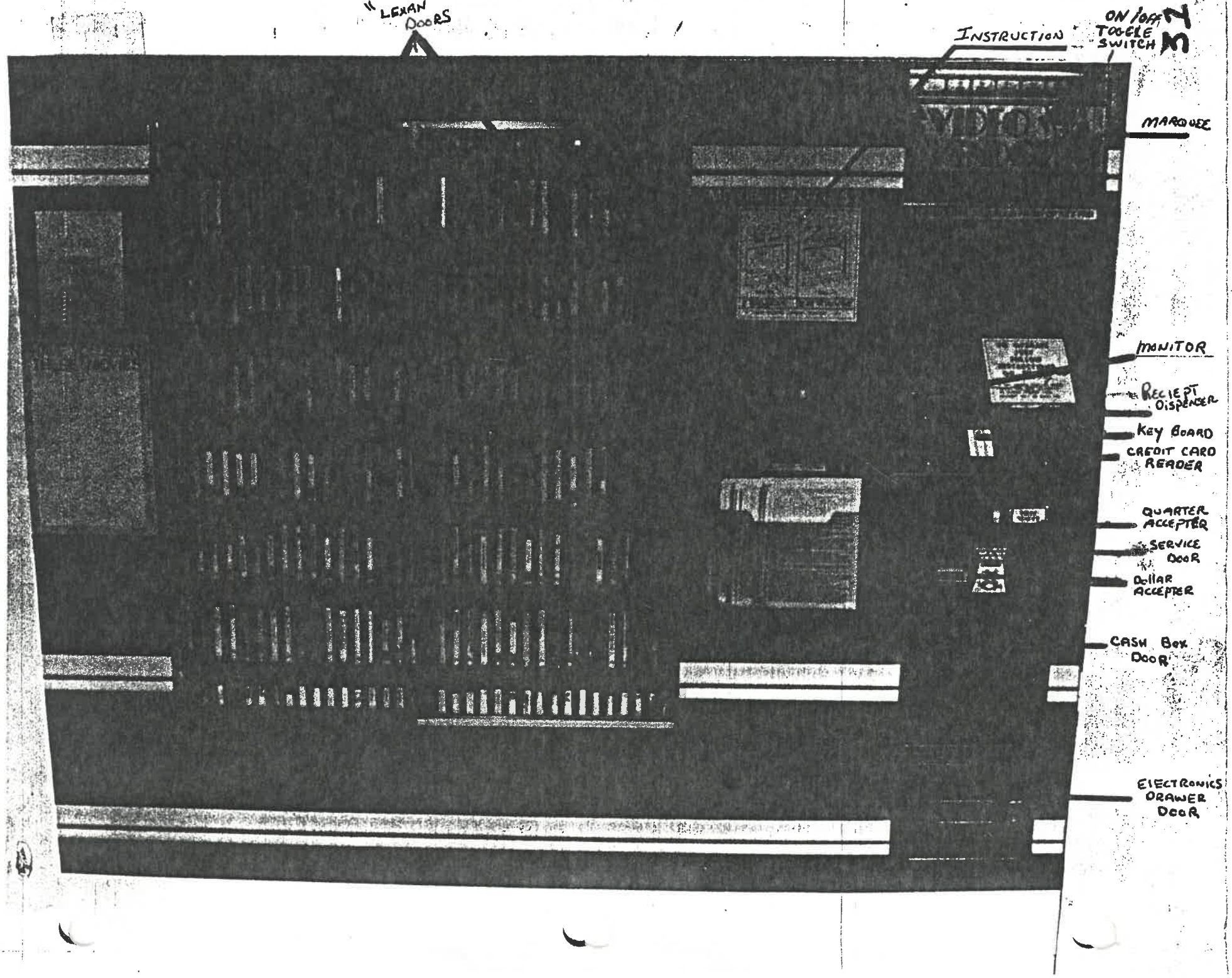
(131) CHARGE OF THE LIGHT BRIGADE ^^ABOUT THE 1854 BATTLE AT BALACLAVA

(153) CHARLY ^^^A STORY ABOUT A MENTALLY RETARDED BAKER THAT FINDS A NEW SURGICAL TECHNIQUE -PG-

(60) CHINA SYNDROME ^^^ JANE FONDA-JACK LEMMON-MICHAEL DOUGLAS IN A GRIPPING TALE OF A NUCLEAR PLANT GONE AWRY -PG-

(illegible)

(3) CITY HEAT ^^^ A NEAT SPOOF OF 1930 DETECTIVE STORIES STARRING CLINT EASTWOOD AND BURT REYNOLDS -PG- 94M.
(331) CLASS ^^ JACQUELINE BISSET-CLIFF ROBERTSON IN A FANTASY COMEDY ABOUT A PREP SCHOOL BOY WHO HAS AN AFFAIR WITH HIS ROOMMATES MOTHER PLAYED BY BISSET-R
(?) CLOAK AND DAGGER ^^^ HENRY THOMAS-DABNEY COLEMAN IN THIS MIXTURE OF HARDY BOYS HITCHCOCK STYLE SPY DRAMA-PG-
COMPETITION ^^ RICHARD DREYFUSS AS A BRILLIANT CLASSICAL PIANIST COMPETING FOR LOVE AND HONORS -PG-
(42) COMPLEAT BEATLES ^^^ NOT REVIEWED
(3) CONAN THE BARBARIAN ^^^ ARNOLD SCHWARZENEGGER IN THE FIRST CONAN ADVENTURE SWORD AND SORCERY SAGA -PG-
(8) COTTON CLUB ^^ STARRING RICHARD GERE IN AN EXPENSIVE AND SLICK BLEND OF 1930 GANGSTER AND HOLLYWOOD STYLE MUSICAL
(119) COUNTRY ^^^ STARRING JESSICA LANGE AND SAM SHEPARD AS AN EMBATTLED IOWA FAMILY FIGHTING A FACELESS GOVERNMENT -R
(178) CROSS CREEK ^^ RIP TORN-MARY STEENBURGEN IN A FILM REFLECTING LIVING IN THE REMOTE FLORIDA BACKWOODS-PG
(136) CRUISING ^^ AL PACINO AS A POLICE DETECTIVE WHO INFITRATES THE HOMOSEXUAL WORLD TO TRAP A KILLER. -R
(335) D.C. CAB ^^^ MR. T -GARY BUSSEY IN A COMEDY ABOUT DILAPIDETED TAXI CABS AND WACKY DRIVERS-R
(174) DEADZONE ^^^ CHRISTOPHER WALKEN-MARTIN SHEEN A STEPHEN KING SUSPENSE FILM ABOUT A MAN WHO CAN SEE INTO THE FUTURE-R
(2) DESPERATELY SEEKING SUSAN ^^^MADONNA AND ROSANNA ARQUETTE ABOUT A WIFE OF A HOT TUB SALESMAN DECIDES TO DISCOVER WHAT LIFE IS REALLY LIKE FOR SUSAN A FREEWHEELING GIRL -PG13-
(336) DINER ^^^ KEVIN BACON-ELLEN BARKINA COMEDY IN THE 1950 'S GUYS COPING WITH EARLY ADULT LIFE-R
(342) DOCTOR DETROIT ^^^ DAN AYKROID HAMS IT UP AS A SQUARE COLLEGE PROFESSOR WHO MASQUERADES AS A BIG-TIME HOOD-R
(374) DONT LOOK IN THE BASEMENT ^^A BILL MC GHEE HORROR MOVIE WHERE THE INSANE TAKE OVER THE ASYLUM-R
(38) DREAMSCAPE ^^^ DENNIS QUAID-MAX VON SYDOW-CHRISTOPHER PLUMMER IN A SCI-FI THRILLER ABOUT A RESEARCH PROJECT WHICH CONTROLS AND MANIPULATES A PERSONS DREAMS -PG-13-
(58) DUNE ^^^^ A PLACE BEYOND YOUR DREAMS-A MOVIE BEYOND YOUR IMAGINATION-PG13-
(135) EASY MONEY ^^^ RODNEY DANGERFIELD IN A COMEDY ABOUT A BABY PHOTOGRAPHER WHO MAY INHERIT A FORTUNE -R
(243) EASY MONEY ^^^ RODNEY DANGERFIELD IN A COMEDY ABOUT A BABY PHOTOGRAPHER WHO MAY INHERIT A FORTUNE -R
(284) EDDIE AND THE CRUISERS ^^^ MICHAEL PARE IN A ROCK NOSTALGIA FILM ABOUT A YOUNG ROCK STAR -PG
(222) EDDIE MURPHY AND DELIROUS ^^ NOT REVIEWED
(285) ELECTRIC BOOGALOO ^^^THE STARS AND THE MAGIC OF BREAKIN ARE BACK-GET SET TO GET DOWN FOR NON-STOP HIP HOP DANCE DRAMA SENSATION -PG-
(28) ELECTRIC DREAMS ^^ LENNY VON DOHLEN AND VIRGINIA MADSEN IN THIS HIGH TECH ROMANTIC COMEDY ABOUT A COMPUTER AND AN ARCHITECT COMPETING FOR THE LOVE OF THE SAME GIRL -PG- 96M.
(?) ELVIS-1968 TV SPECIAL ^^^^THE UNCUT VERSION OF THE 1968 COLOR SPECIAL PLUS ALL THE POPULAR SONGS -NR-
(53) EMPIRE STRIKES BACK ^^^^ MARK HAMMIL-HARISON FORD-CARRIE FISHER-BILLY DEE WILLIAMS IN A GEORGE LUCAS SPACE ADVENTURE WHICH CONTINUES THE EXCITEMENT FROM STAR WARS A FANTASY ADVENTURE IN A GALAXY FAR FAR AWAY-PG
(172) ENDLESS LOVE ^^BROOKE SHIELDS-MARTIN HEWITT AS OBSESSIVE
(139) ENFORCER ^^^ CLINT EASTWOOD IN HIS THIRD DIRTY HARRY BLOOD GORE AND THAT FAMOUS .44 MAGNUM -R
(73) FALCON @ THE SNOWMAN ^^^A TRUE STORY ABOUT A PAROLED HEROIN ADDICT AND COMPUTER EXPERT SELLING NATIONAL SECRETS TOUSSR-R-
(81) FALCON @ THE SNOWMAN ^^^A TRUE STORY ABOUT A PAROLED HEROIN ADDICT AND COMPUTER EXPERT SELLING NATIONAL SECRETS TOUSSR-R-
(36) FALLING IN LOVE ^^^^TWO EVERYDAY PEOPLE WHO MEET BY CHANCE AND THEN BY CHOICE BUT BOTH ARE ALREADY MARRIED -PG13-
(283) FAME ^^^IRENE CARA IN A FILM ABOUT NEW YORKS HIGH SCHOOL OF THE PERFORMING ARTS -R-
(36) FINAL COUNTDOWN ^^^ KIRK DOUGLAS-MARTIN SHEEN IN A TIME WARP MOVIE WITH A NUCLEAR CARRIER GOING BACK TO/41 -PG
(302) FIRST KISS/CHARLIE BROWN ^^^ANOTHER OF THE CHARLIE BROWN SERIES WHERE CHARLIE BROWN GETS HIS FIRST KISS -G-
(141) FIRST BLOOD ^^^^ SYLVESTER STALLONE IN A ONE MAN WAR MACHINE FORCED TO FIGHT A HICK POLICE DEPARTMENT-R
(187) FIRST MONDAY IN OCT. ^^^WALTER MATTHAU-JILL CLAYBURGH IN THIS COMEDY DEBATING CONSTITUTIONAL ISSUES -R-
(111) FIREFOX ^^^^ CLINT EASTWOOD IN A HIGH FLYING SPY ADVENTURE INVOLVING THE THEFT OF A SECRET RUSSIAN SUPER PLANE -PG-
(67) FLAMINGO KID ^^^MATT DILLON-IT WAS A SUMMER OF INNOCENCE AND OF CHANGE- A SUMMER OF AWAKENING-HE WAS A LEGEND IN HIS OWN NEIGHBORHOOD-PG.13
(23) FLASHPOINT ^^^ KRIS KRISTOFFERSON AND TREAT WILLIAMS IN THIS SUSPENSEFUL DRAMA ABOUT BORDER PATROL GUARDS -R- 93M.
(30) FLESHBURN ^^ STEVE KANALY AND KAREN CARLSON IN A DRAMA ABOUT A VIETNAM VETERANS REVENGE ON HIS PSYCHIATRISTS -R-
(93) FOOTLOOSE ^^^ KEVIN BACON-JOHN LITHGOW IN A TOE TAPPIN FINGER SNAPPING YOUTH MUSICAL -PG-
(121) FOUR SEASONS ^^^ALAN ALDA-CAROL BURNETT IN A LOW-KEY COMEDY ABOUT 3 COUPLES WHO VACATION TOGETHER IN VARIOUS LOCALES -PG-
(59) FRENCH CONNECTION II ^^^^ GENE HACKMAN RETURNS O FINISH THE JOB IN PURSUIT OF THE HEROIN DEALERS-R-
(?) FRIDAY THE 13TH PT.5-A NEW BEGINNING ^^^JASON IS BACK AND THIS TIME HE HAS SET HIS SIGHTS ON KID IN A HALFWAY HOUSE -R-
(272) FRIDAY 13TH FINAL CHAPT ^^KIMBERLY BECK MORE HACKING & SLICING GORE & BLOOD JASON IS AT WORK AGAIN-R
(271) FRIDAY 13TH III ^^ RICHARD BROOKER IN THE 3RD SEQUEL LOTS OF GORE & GRISLY MURDER BUT IF YOU LIKE BLOOD-R
(267) GHOST STORY ^^^ JOHN HOUSEMAN-FRED ASTAIRE-DOUGLAS FAIRBANKS JR.-MELVYN DOUGLAS AS 4 OLD MEN HAUNTED BY A GHASTLY DEED DONE 50 YEARS AGO-R
(57) GHOULIES ^^ABOUT AN 18 YEAR OLD WHO TAKES OVER HIS PARENTS POSSESS HOUSE -R-


"LEXAN" DOORS
INSTRUCTION
ON/OFF TOGGLE SWITCH
MARQUEE
MONITOR
RECIEPT DISPENCER
KEY BOARD
CREDIT CARD READER
QUARTER ACCEPTER
SERVICE DOOR
DOLLAR ACCEPTER
CASH BOX DOOR
ELECTRONICS DRAWER DOOR

HELPFUL INFORMATION

- WEIGHT OF MACHINE..... 770# + crating 100#

-ELECTRICAL SPECIFICATIONS...120 VOLTS AC. SINGLE PHASE 60 cycles
use a dedicated 15 Amp line if available

-PREPARATION.....a) get tapes, affix code labels & ID labels ("rewind","adjust tracking","operators name-address-phone").
b)print signs, postcards, membership cards, return receipts, etc.
c)when machine arrives...uncrate, put into location, power up and test.
d)put tapes into slots...test machine again.
e)set all machine functions..."credit card","rental fees", "extra day fees", "early timer", etc.
f)we suggest that if you use a movie list, print the slot number locations alongside each movie title on the list.

-UNCRATING INFORMATION.....Specific instructions are posted on the front of the machine after the cardboard carton is removed.

-MANUALS.....are located in the cash box. You will also find keys, and spare parts.

-CASHBOX KEY..... Is attached to outside of machine near keyboard.

-PUTTING MOVIES AWAY.....When putting movies away in slots it will be helpful if you write the slot# on the cassette on one of the movie labels. Also be sure to line up front edge of cassette with edge of shelf (do not push cassette all the way to back wall). Titles must always be readable from top to bottom. See illustration on instruction sign on front of machine above access door.

-GETTING THE CASH.....We reccommend that you **do not** put a plastic or paper bag in the cash box to hold the money

OWNER/OPERATOR SERVICE MODE

To service the Video Vendor we have provided bookeeping functions and maintenance aids which can be accessed through what is called the Service Mode. To enter the Service Mode all you have to do is open either the SERVICE DOOR OR THE ELECTRONICS DOOR with the appropriate key.

Once in the Service Mode you will see on the Display Monitor a list of service options. You can communicate with the Video Vendor by following the instuctions on the display monitor and using the key pad located just below the display monitor.

NOTE:
The functions of the keypad are:
a. 0-9 are digit entries
b. -ENTER-Key completes the selection or goes back to a previous menu
c. !arrow!-Back Space key erases the previous digit typed and the cursor on the screen moves back one space.

The first menu displayed on the monitor in the Service Mode features the following functions:

1. Bookeeping
2. Add Credits
3. Add Debits
4. Add Customers
5. Delete Customers
6. Set Tape Prices
7. Lock Out Tape
8. Early Timer
9. X Rating
10. Customer/Tape Access
11. System Options
12. Set Area & Store Code
13. Listings

SPECIAL NOTICE: WHENEVER THE "LEXAN" DOORS ARE UNLOCKED, THE ROBOTIC TRANSPORT IS SHUT-OFF !

(see page 23 for instructions on how to override this interlock)

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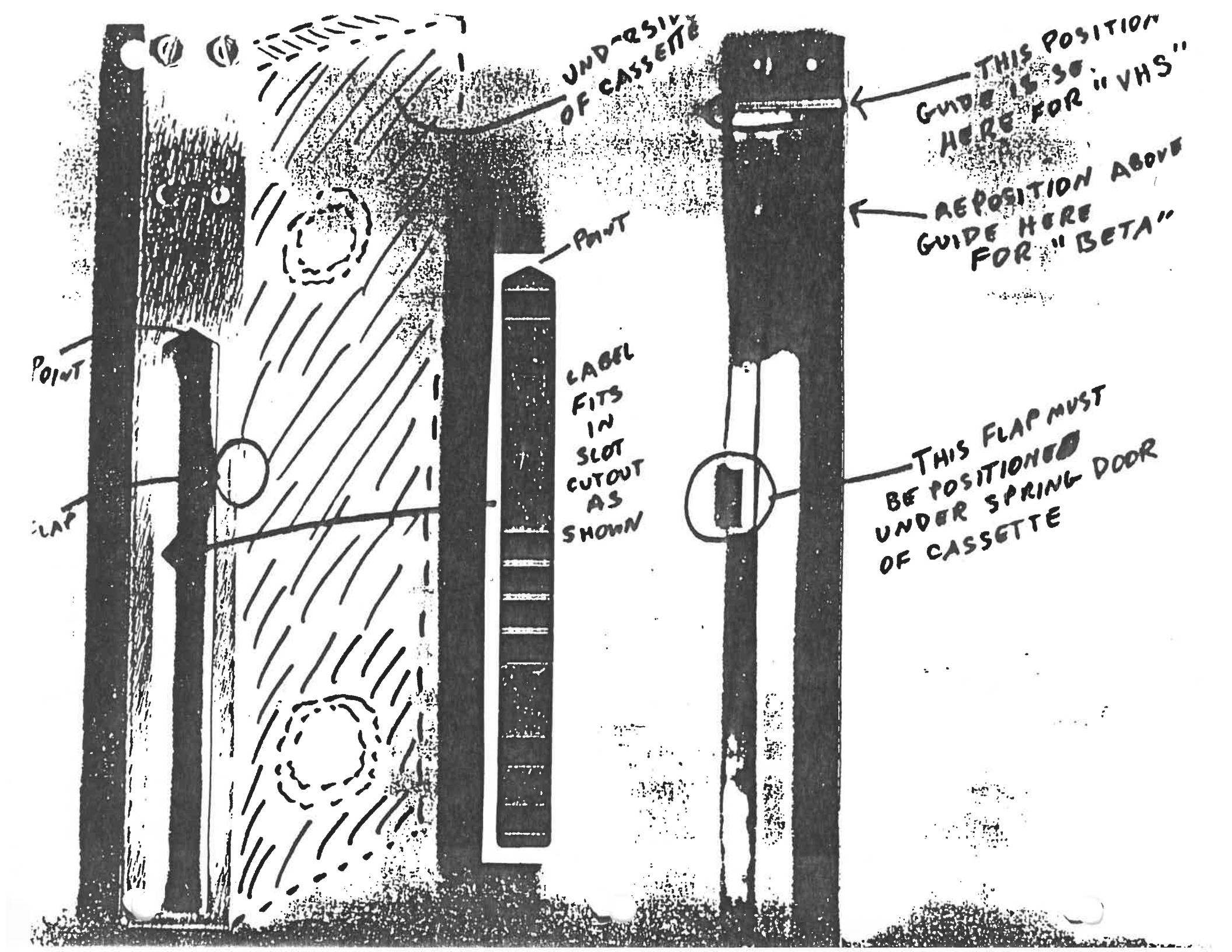
can easily be reset by merely turning the machine off and on again using the switch located on the top right side of the machine above the marquee. Of course if the machine is jammed, the jam must first be cleared. The personnel at the location of the machine can be shown how to reset it.

-BLOWN FUSE...If the machine will not restart it is probably because the fuse has blown. The fuse is a "slow blow" type (glass tube shape) located in the electronics drawer on the left side near the rear. With the power off, pull out the fuse and replace it. Then restart the machine. The reset button in the electronics drawer can be used the same as the on/off switch located at the top of the machine.

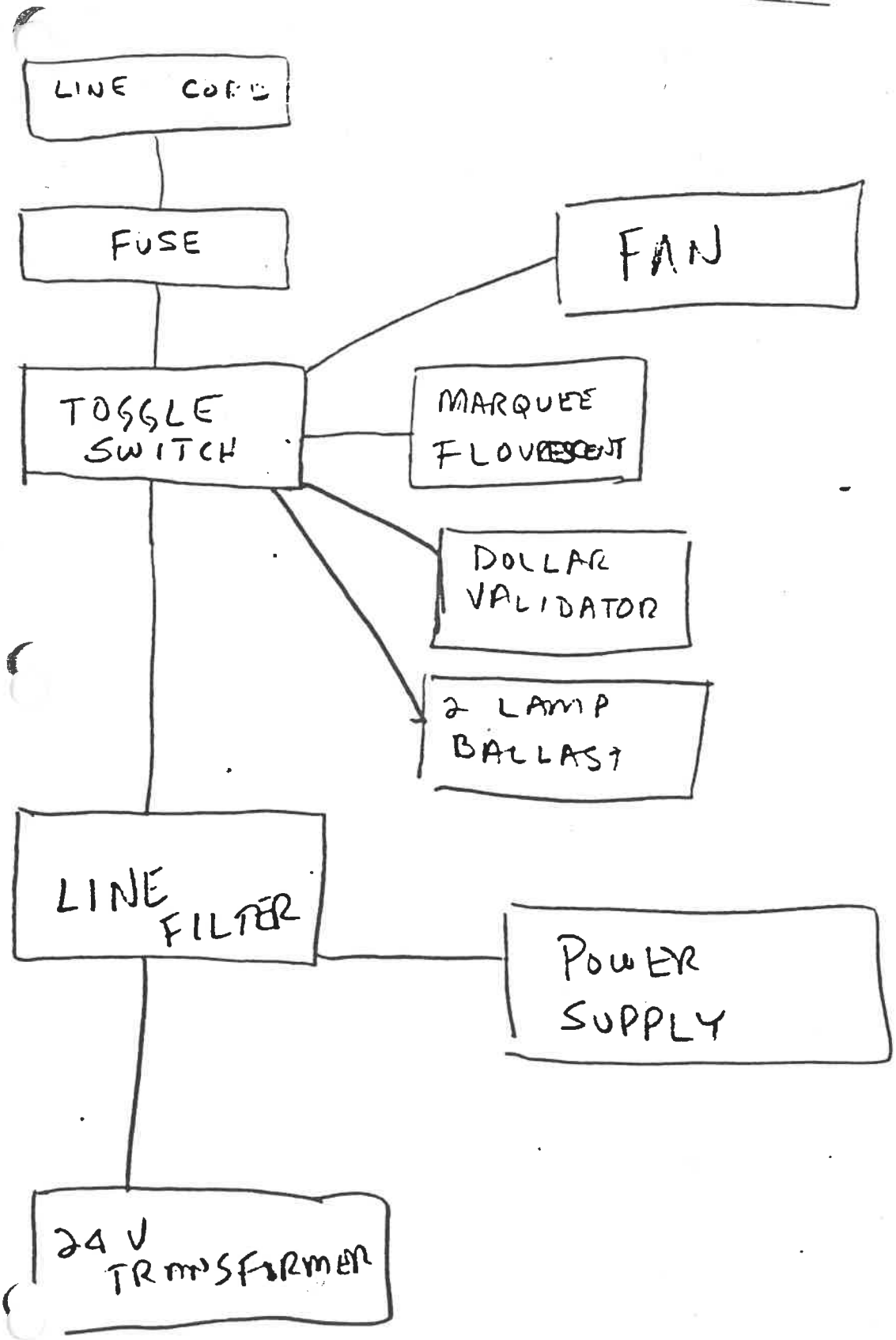
-THE TRANSPORT...You will soon receive a comprehensive parts manual and trouble shooting guide. However, we want you to understand now, some things about the transport mechanism. Specifically, the transport is the stainless steel, box-shaped container that carries the movie cassette to and from the shelf slots and the access door, etc. To remove the cover of the transport, remove the four screws located on the sides at the bottom (2 screws on each side). Carefully lift off the cover and note how the wires are wrapped inside. Unplug (by pulling apart) the white plug located on the wires and you can now completely separate the transport cover from the transport mechanism. By doing this you will have exposed the grabber and its ram shaft, the solenoid, the front and rear stopper switches. If you move the grabber forward and back (in and out), by using the buttons in the electronics drawer or the keyboard while in the "diagnostics" mode (#19 on the main service menue), you will notice that the grabber stops whenever its appendage contacts either stopper switch. A problem can develope, for example, if the grabber moves forward and contacts the cassette before contacting the forward stop switch. This would cause the grabber fingers to fail to close and therefore the cassette could not be pulled out to be vended. To correct this problem you must slide the forward stop switch a little toward the rear by first loosening the two screws holding the switch bracket. Also, if the grabber pulls the cassette back, but then pushes it forward again (instead of bringing it to the access door to vend), it's probably because the rear stop switch was contacted before the rear

electric eye beam could see the cassette. In other words, the cassette was not brought back far enough, and the transport won't start because as a safety feature it thinks that the cassette is partially sticking out forward and doesn't want to create a jammed condition. To correct this condition, just slide the rear stop switch a little further to the rear.

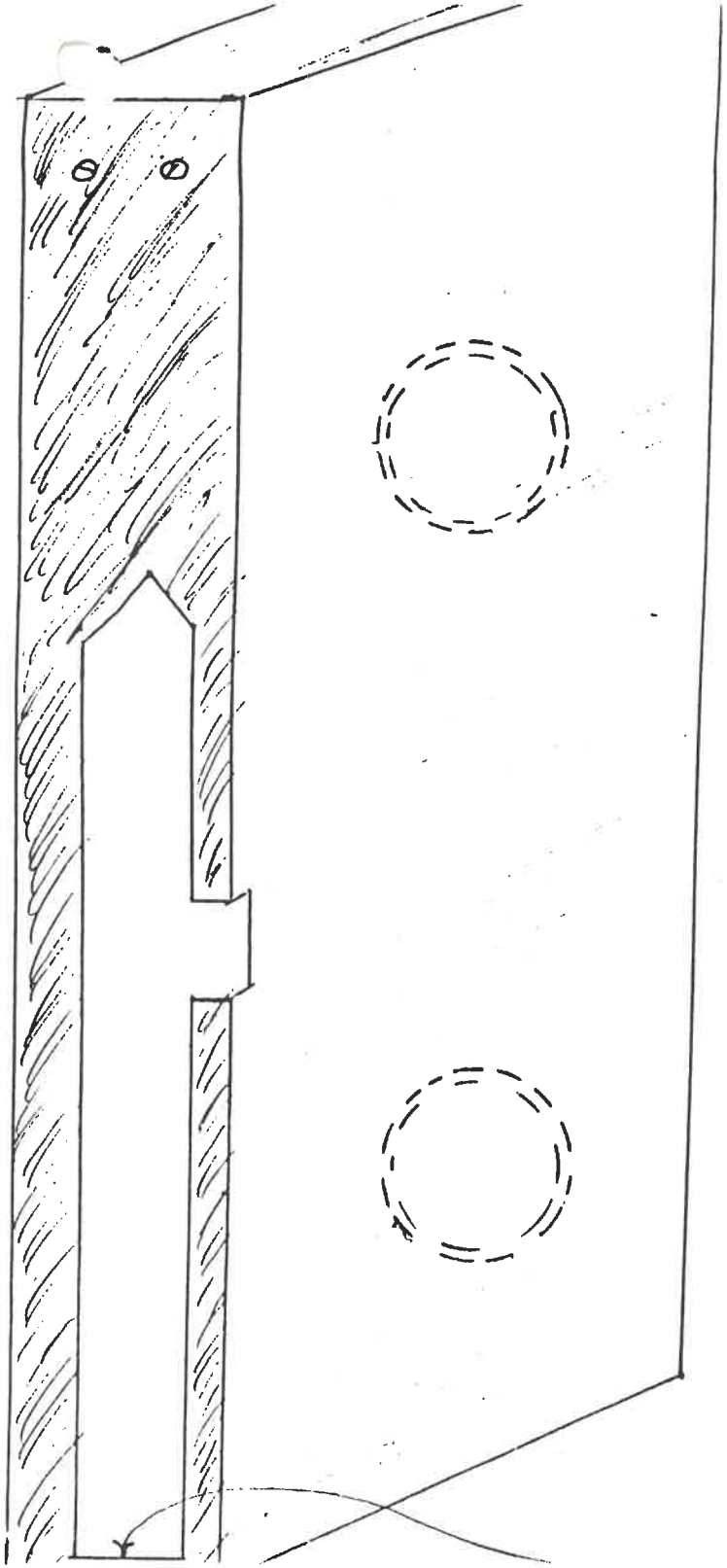
C

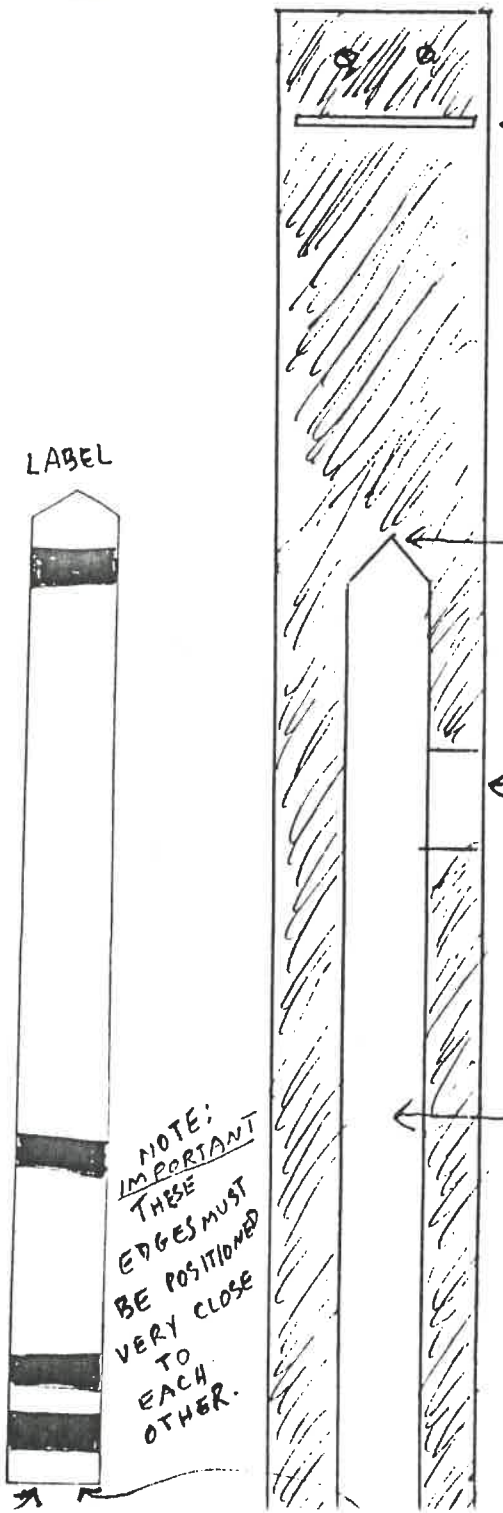

UNDERSIDE OF CASSETTE
THIS POSITION GUIDE IS SO HERE FOR "VHS"
REPOSITION ABOVE GUIDE HERE FOR "BETA"
POINT
POINT
FLAP
LABEL FITS IN SLOT CUTOUT AS SHOWN
THIS FLAP MUST BE POSITIONED UNDER SPRING DOOR OF CASSETTE

110 CIRCUIT


LINE CORD
FUSE
FAN
TOGGLE SWITCH
MARQUEE FLOURESCENT
DOLLAR VALIDATOR
2 LAMP BALLAST
LINE FILTER
POWER SUPPLY
24 V TRANSFORMER

REVISED





← POSITION GUIDE SET FOR VHS

POINT UP

← FLAP MUST BE POSITIONED UNDER SPRING DOOR OF CASSETTE

LABEL FITS IN CUT OUT SLOT

1- POSITION LABEL IN CUT OUT
2- PRESS DOWN LIGHTLY
3- REMOVE FIXTURE
4- PRESS DOWN FIRMLY
5- RUB OUT WRINKLES OR BUBBLES

RENTAL PRICES

$2 PER DAY

GOLD STAR MOVIES $1 PER DAY

VISA OR MASTERCARD or MEMBER NUMBER IS USED FOR VALIDATION

PAY CASH FOR ALL TRANSACTIONS
(overpayments are credited to your account)

TO RENT MOVIES

1. DECIDE ON MOVIE NUMBERS
2. HAVE MONEY READY
3. STAND CLOSE TO MACHINE AT KEYPAD
4. FOLLOW INSTRUCTIONS ON SCREEN

TO RETURN MOVIES

1. STAND CLOSE TO MACHINE AT KEYPAD
2. FOLLOW INSTRUCTIONS ON SCREEN

(use the same credit card or member number as was used to rent)

TO PAY EXTRA DAY FEES

1. WHILE RETURNING MOVIES, STAY AT KEYPAD AND WATCH SCREEN FOR INSTRUCTIONS.
2. ANY OTHER TIME...JUST FOLLOW INSTRUCTIONS ON SCREEN

IMPORTANT NOTICE

MOVIES MUST BE RETURNED and EXTRA DAY FEES PAID WITHIN 5 DAYS or YOU WILL BE CHARGED FOR FULL RETAIL PRICE OF MOVIES AND TOTAL EXTRA DAY FEES

Thank you for using Video Vendor;
The Video Vendor Management Company is:

VID VEND CORPORATION

IN ILLINOIS CALL TOLL FREE: 1 - 800 - VID VEND

4235 Main Street - Skokie, Illinois 60076 - (312) 982 0440